

ICS 65.060.10

CCS T 62



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 19408.4-2009

**Agricultural vehicles - Mechanical connections between towed
and towing vehicles - Part 4: Dimensions of wedge-type
coupling device**

农业车辆 挂车和牵引车的机械连接 第4部分：楔形连接装置的尺寸

(English Translation)

Issued on: November 15, 2009

Implemented on: May 1, 2010

Issued by: Standardization Administration of China

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Dimensions

Foreword

GB/T 19408 "Agricultural vehicles towing trailers and mechanical connection" is divided into five parts.

- Part 1. towing hook size;
- Part 2. Connect the U-shaped hook 40;
- Part 3. Tractor drawbar;
- Part 4. Dimensions wedge connection device;
- Part 5. spherical connection.

This section GB/T Part of 419,408.

This section identical with ISO 6489-4:2004 "Agricultural vehicles towing trailers and mechanical connections - Part 4. Attach mounting wedge Set the size "(in English).

This section is equivalent translation ISO 6489-4:2004.

For ease of use, this section made the following editorial changes.

- The term "international standards in this section" to "this Part";
- With a decimal point instead of a comma as the decimal point, "";
- Delete international standards foreword.

Appendix A of this section is an informative annex.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee tractor (SAC/TC140) centralized.

This section drafted by. National Tractor Quality Supervision and Inspection Center.

1 Scope

GB/T 19408 in this section clearly agricultural trailer for connecting the installation complies with ISO 5692-1 connection ring, unbalanced and agricultural trailers Size wedge type connection with the request. It applies to ensure interchangeability of agricultural machinery trailer connection. Only for static vertical load not exceeding 30kN over the situation.

Other tractor and mechanical connection in the form of hanging plant See Appendix A.

2 Normative references

The following documents contain provisions which, through reference GB/T 19408 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated references, the latest version applies to this section.

GB/T 1592 (all parts) Agricultural tractors - Rear PTO 1, 2 and 3 (GB/T 1592-2008, ISO 500.

2004, IDT)

ISO 5692-1 Agricultural vehicles Tractor Part 1 - Mechanical connections. Dimensions for hitch rings

3 Terms and Definitions

The following terms and definitions apply to this section.

By a pin (see Figure 1) and stopper mounting portion composed of connected devices.

For mounting pins and mounted on an agricultural vehicle or the stopper portion of the mounting frame.

Used to prevent accidental connection point dragged away.

4 Dimensions

4.1

stopper position and the size of the wedge connected devices shall comply with the requirements of Figures 1 and 2. Stopper should be limited to the maximum metal outline.

No part of the stopper should not exceed 4.2 in FIG. 2 other than the safety line connection shown.

4.3

Manufacturer responsible for the design and production quality wedge connecting device. Distance between the upper and the stopper pin should not exceed 10mm (See Figure 2), is used to prevent accidental connection point at the maximum design load dragged away.

4.4

according to ISO 5692-1 required declination is 60 °. Large trailer tires and narrow track width limited in this work angle. Small tires and /or the wide track of the trailer, the corner can exceed 60 °. When interference occurs in or near the operator's manual or on the connecting device should be described.

GB/T 19408.4-2009/ISO 6489-4:2004